



FIG. 1

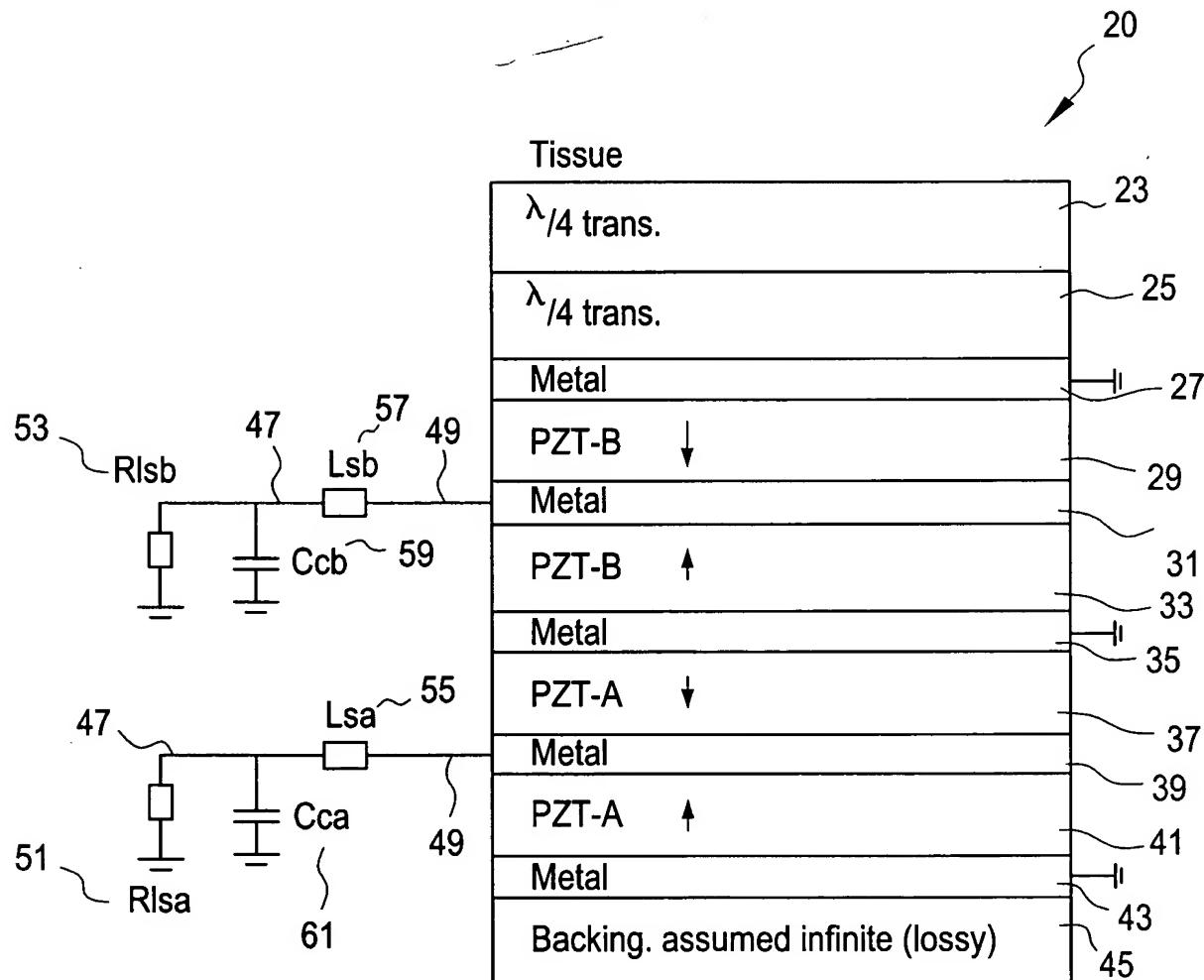




FIG. 2

Transducer	Parameter	4*(1-3) 100 Ω
Backing:	Z (MRayl)	2
Metal towards backing:	Z (MRayl) c (m/s) l (μm)	30 3750 15
Elem. a:	Lsa(μH) Cca(pF) Rls(a)(Ω) Z <sup>D</sup> (MRayl) c (m/s) h (10 <sup>9</sup> V/m) ε <sub>r</sub> <sup>s</sup> l (μm) Area (mm <sup>2</sup> )	6 100 100 14.06 3569 1.626 888 140 3.0 (2 stk.)
Metal between sub-elements:	Z (MRayl) c (m/s) l (μm)	20 3750 15 (3 stk.)
Elem. b:	Lsb(μH) Ccb(pF) Rlsb(Ω) Z <sup>D</sup> (MRayl) c (m/s) h (10 <sup>9</sup> V/m) ε <sub>r</sub> <sup>s</sup> l (μm) Area (mm <sup>2</sup> )	16 100 100 14.06 3569 1.626 888 116 3.0 (2 stk.)
Metal towards front:	Z (MRayl) c (m/s) l (μm)	30 3750 15
Transf. 1:	Z (MRayl) l / λ v / 2.5MHz	8.04 0.25
Transf. 2:	Z (MRayl) l / λ v / 2.5MHz	2.63 0.25



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FIG. 3

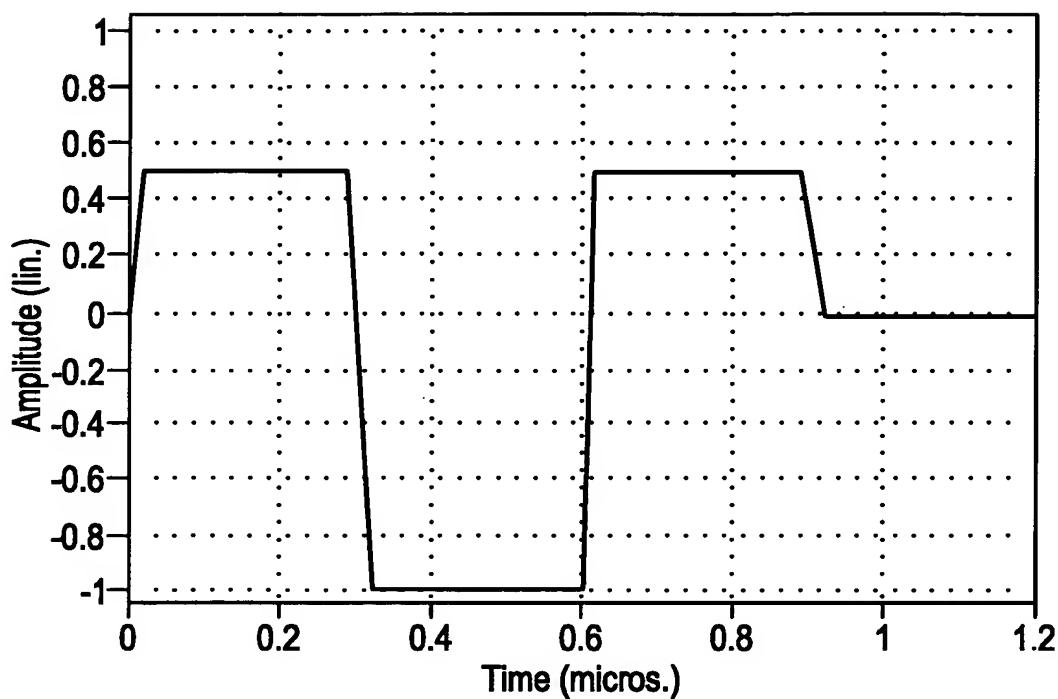
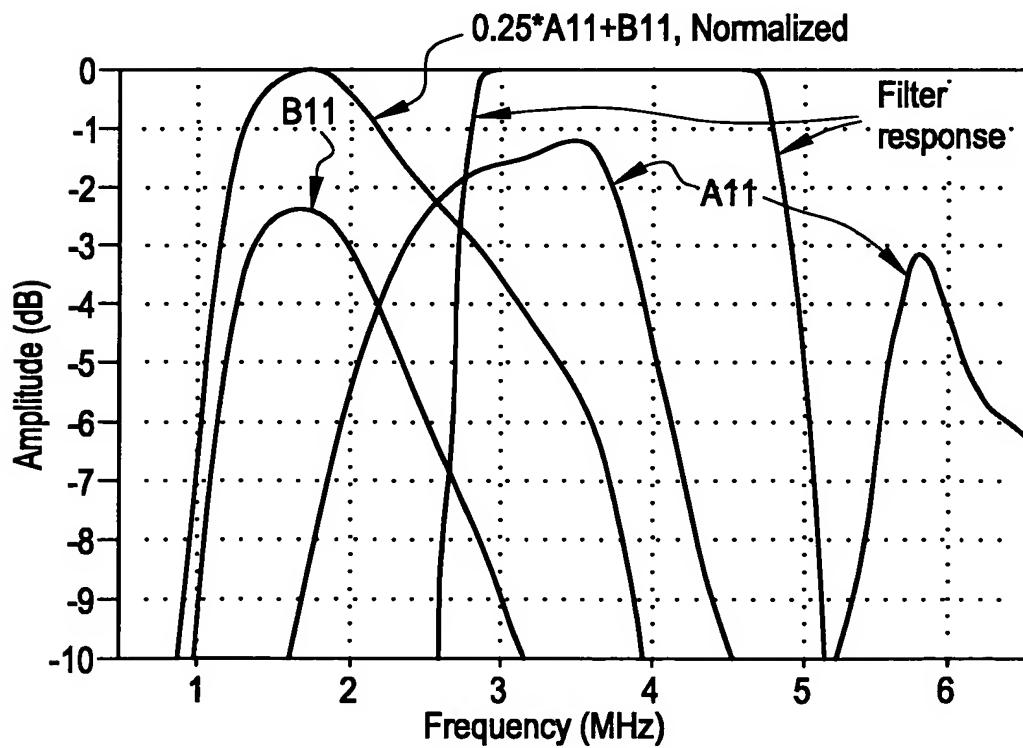


FIG. 4





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FIG. 5

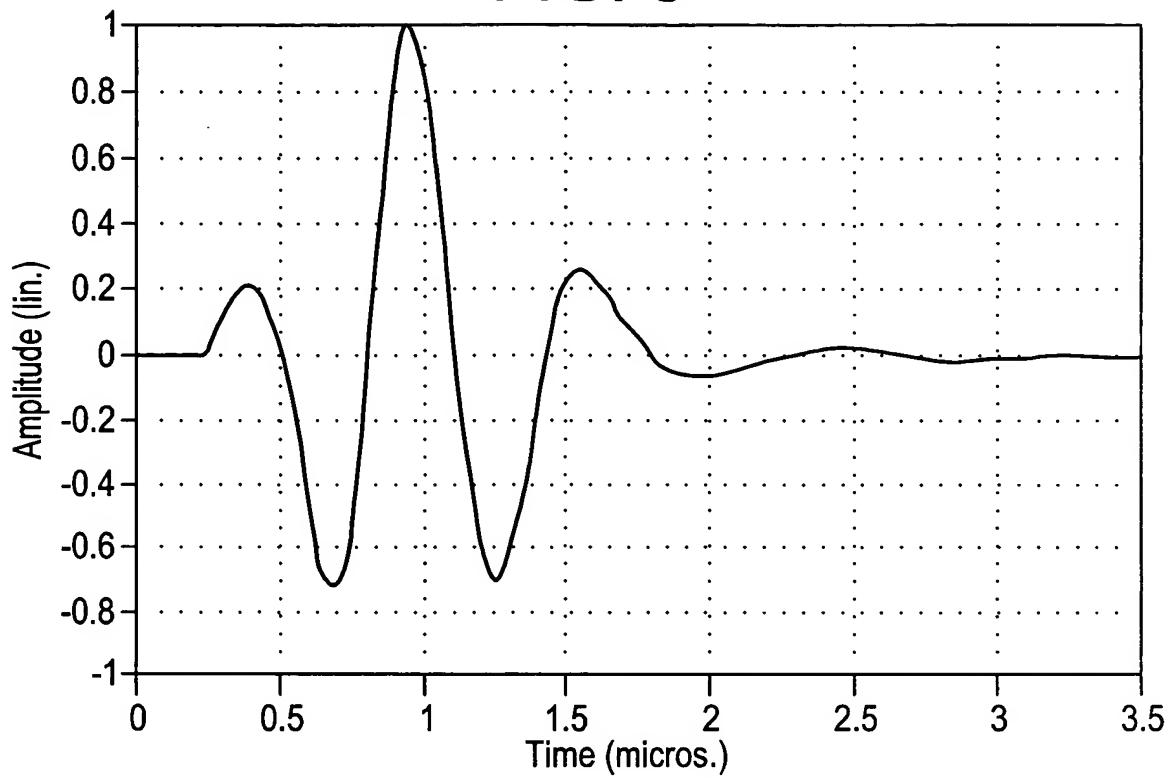
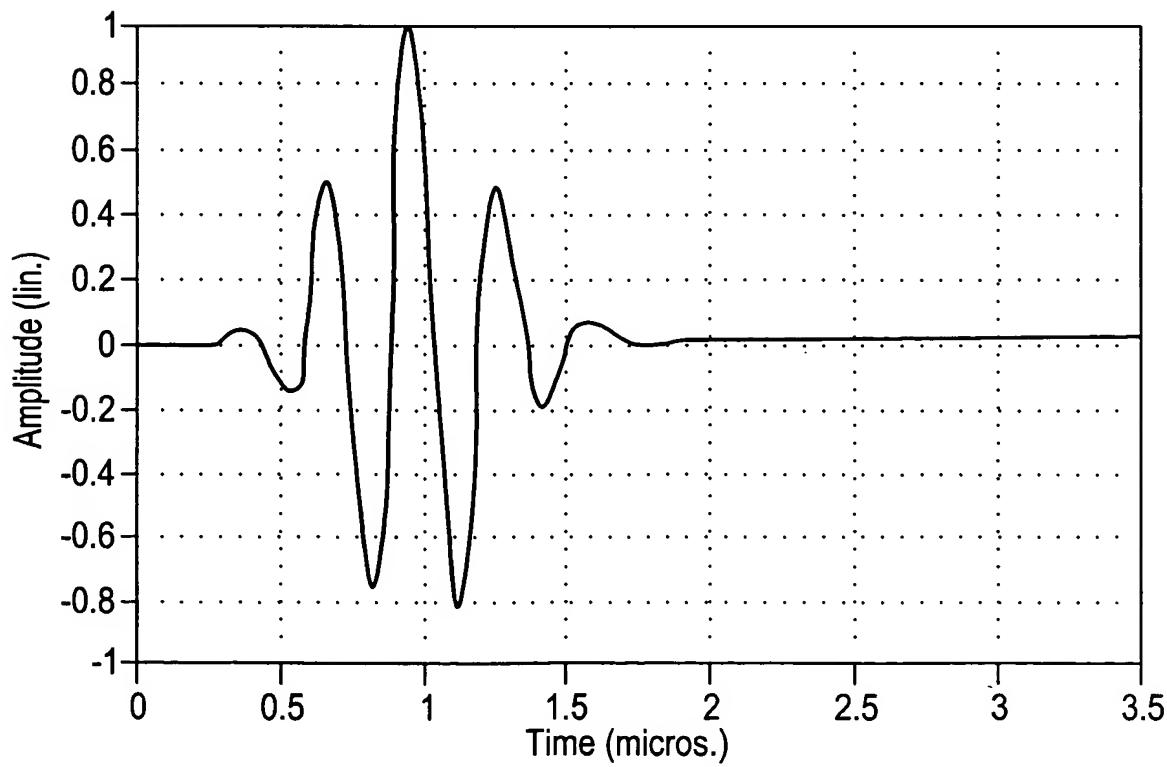


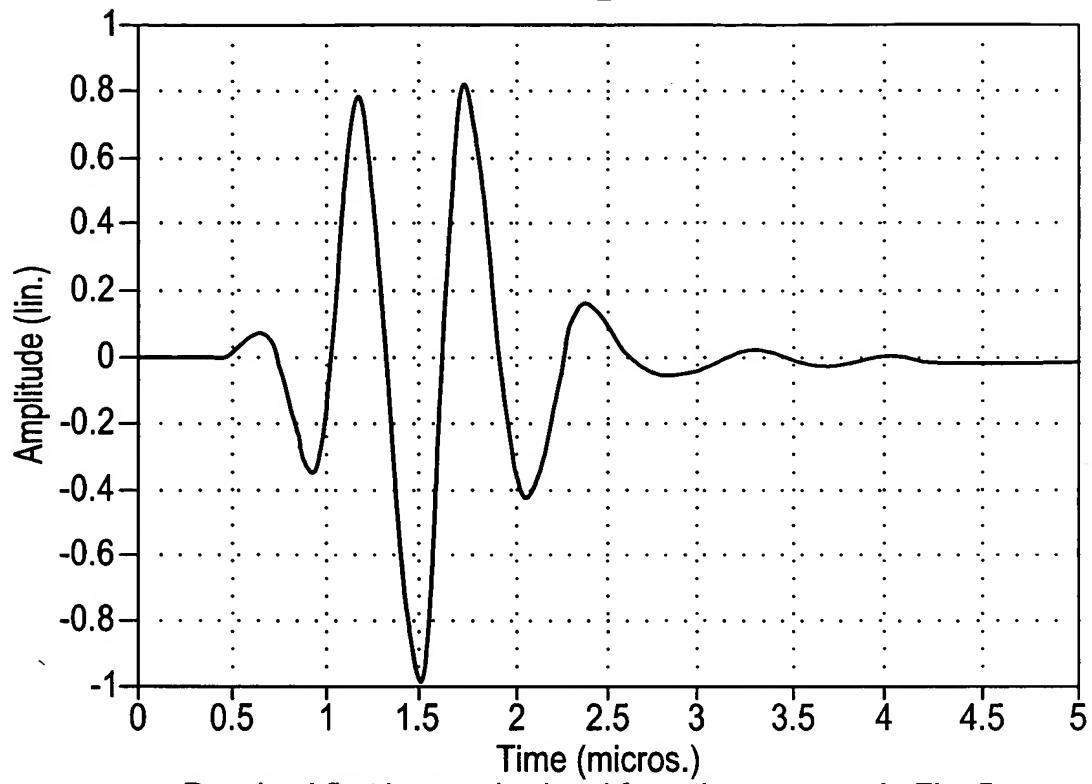
FIG. 6





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FIG. 7



Received first harmonic signal from the pressure in Fig. 5  
when using the response B11 in reception.

FIG. 8

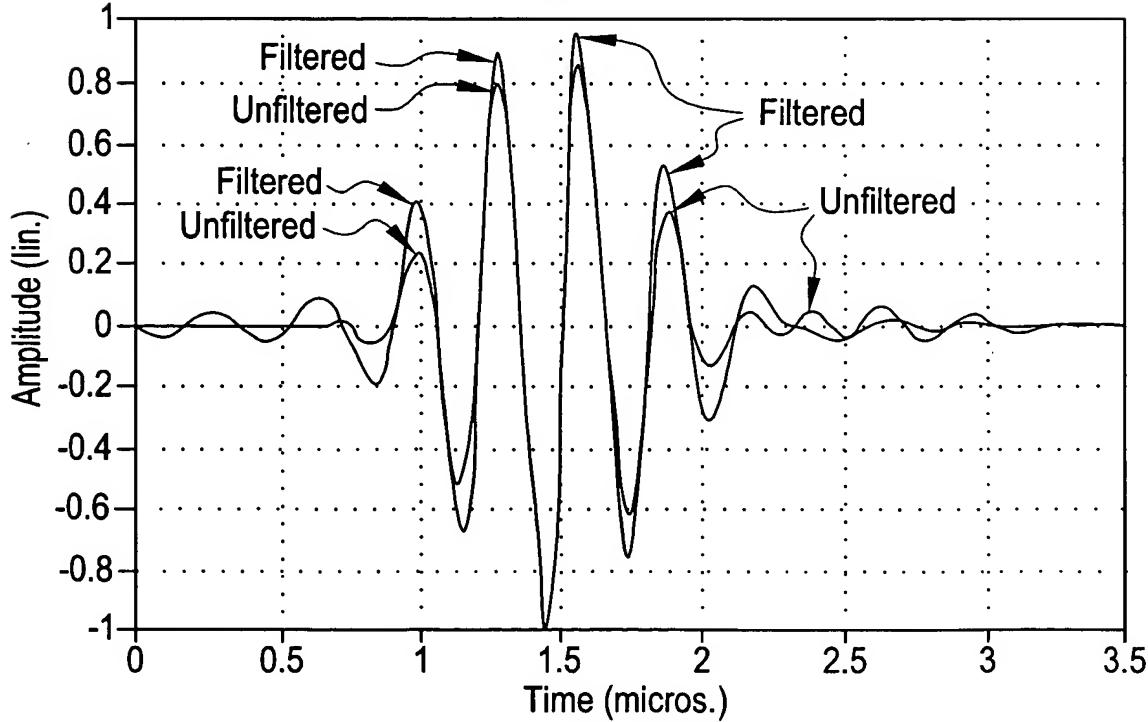


FIG. 9

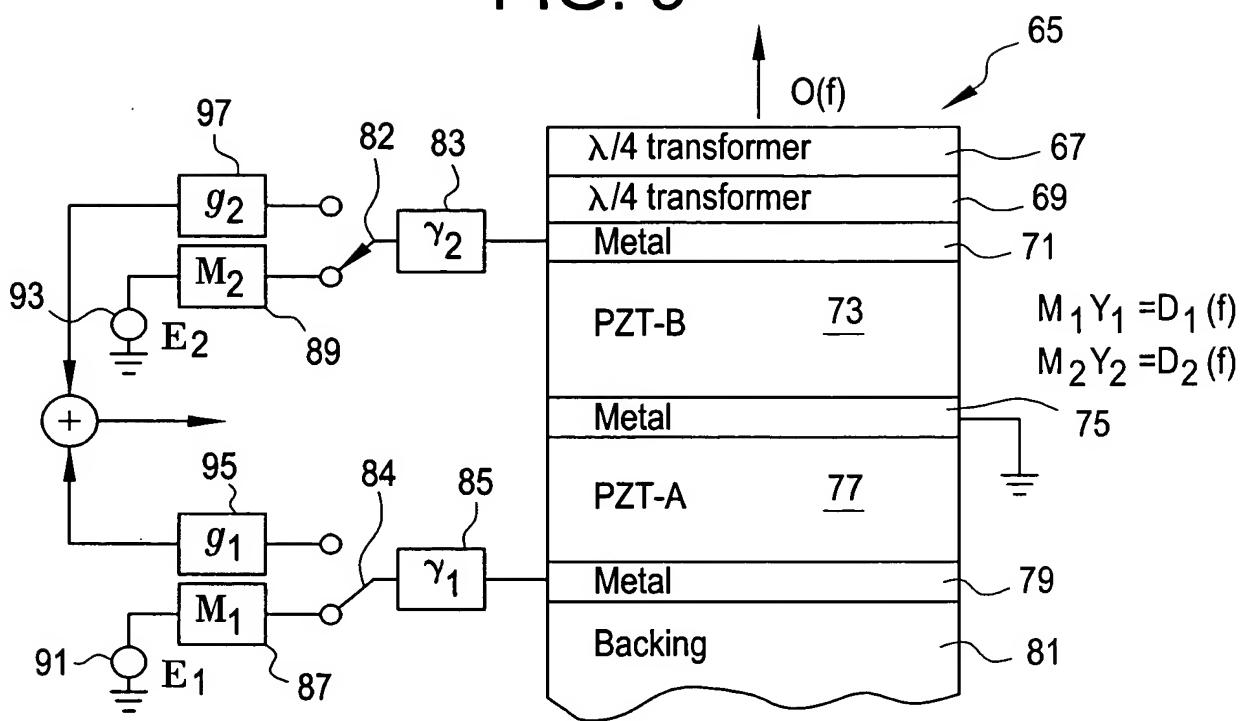
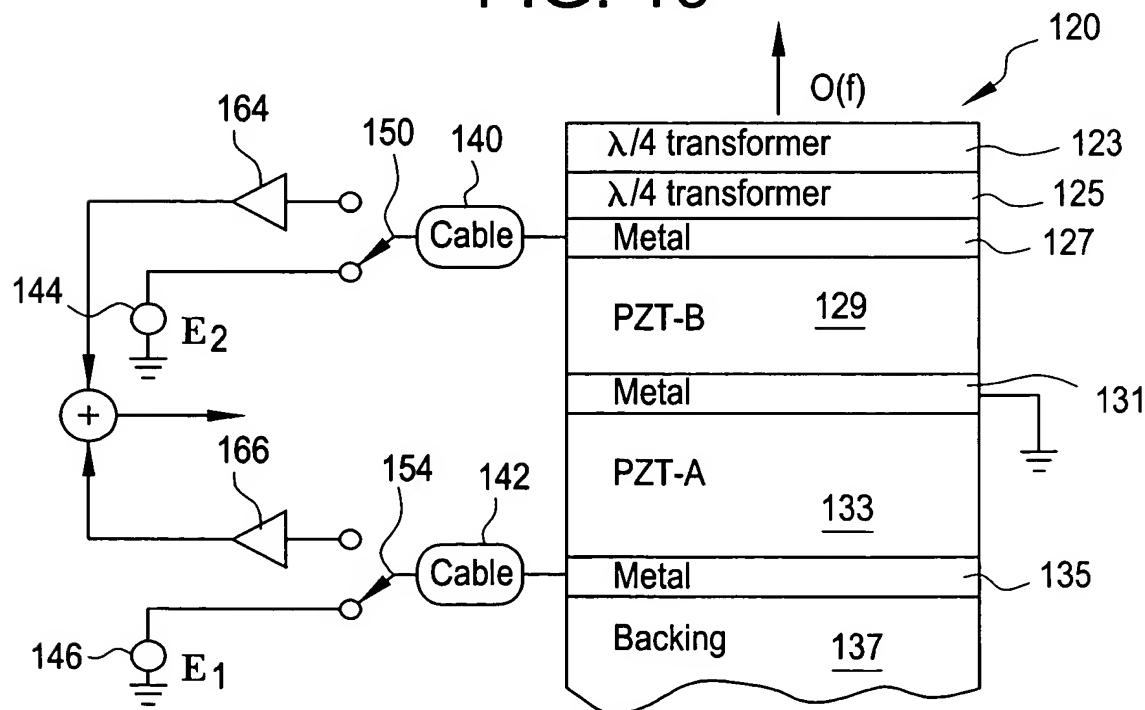


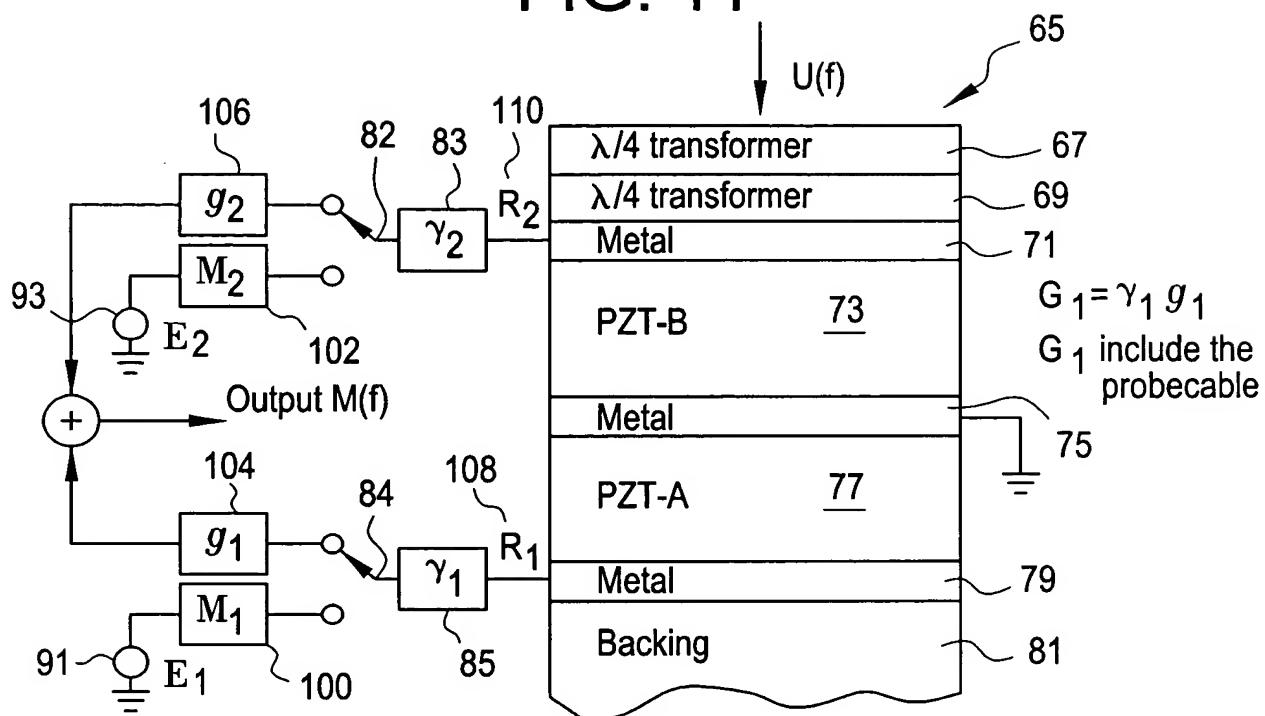
FIG. 10



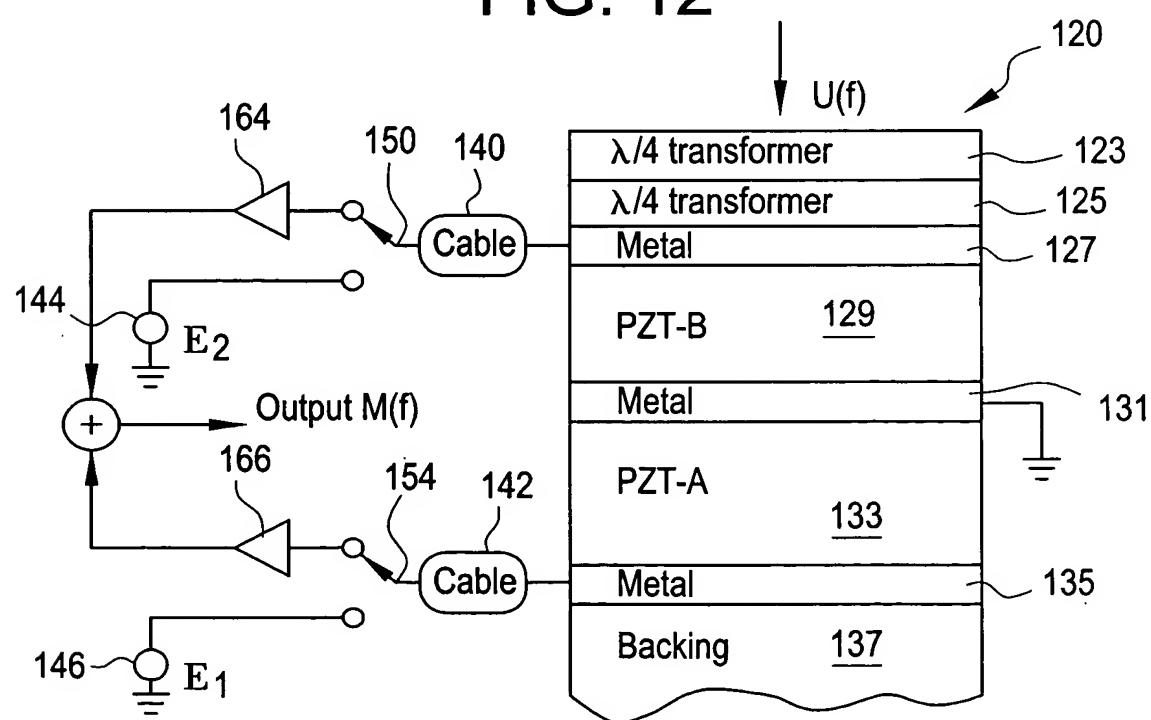


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**FIG. 11**



**FIG. 12**





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**FIG. 13**

